

FIG. 1

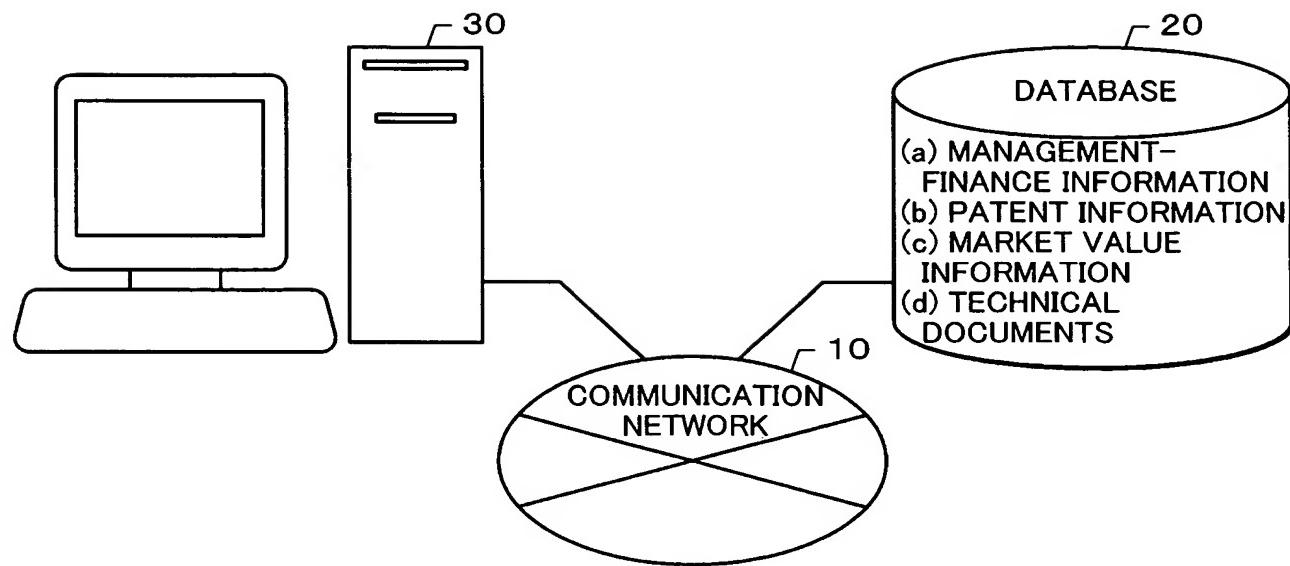


FIG. 2

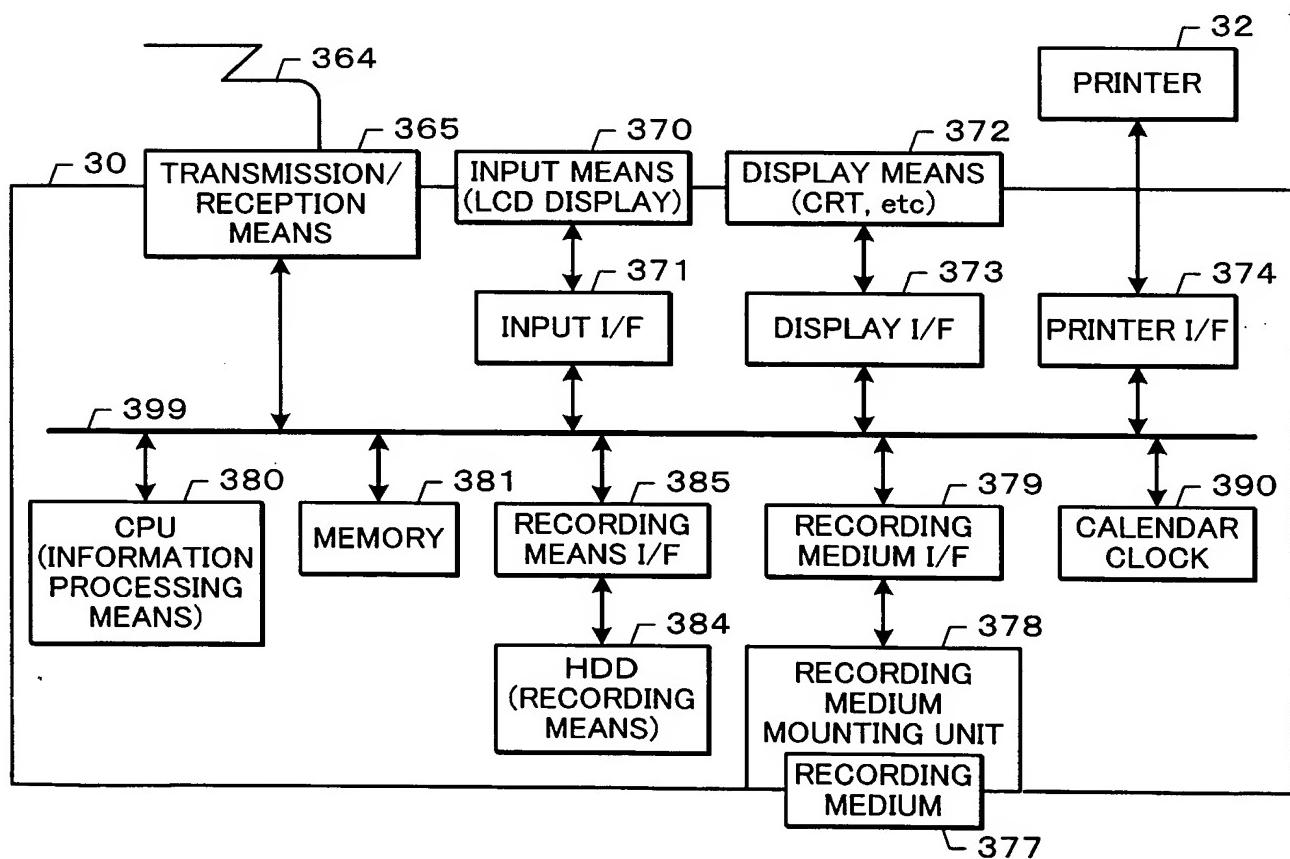


FIG. 3

## (a) MANAGEMENT-FINANCE INFORMATION

(A) Information on Size of Company	(B) Financial Information of Company		(C) Combined Information of Company
Number of employees	Sales volume	Total assets	Sales volume per employee
Number of officers	Sales profit	Tangible fixed assets	R&D cost per employee
Capital	Operating profit	Amount of capital investment	Sales profit per employee
Number of plants/offices	Gross operating profit	Depreciation costs	Operating profit per employee
Ground floor area	Sales profit ratio	Patent royalty income	Gross operating profit per employee
Total floor area	Operating profit ratio	Financial assets (liquid assets and liquid liabilities)	
Ownership ratio of premises	Gross operating profit ratio	Interest paid/discounts	
Ownership ratio of building	Total market value to total assets ratio	Long-term prime rate (long-term borrowing rate)	
Number of employees (consolidated basis)	Total market value to stockholders' equity ratio	Short-term prime rate	
Number of officers (consolidated basis)	Total market value to sales volume ratio	Interest on bonds	
Capital (consolidated basis)	Total market value to gross operating profit ratio	10-year government bond yield ratio	
Number of plants/offices (consolidated basis)	Total market value to operating profit ratio	Personnel costs, (including officers, compensation and labor costs)	
Ground floor area (consolidated basis)	Gross operating profit to total assets ratio	Welfare expenses	
Total floor area (consolidated basis)	Gross operating profit to stockholders' equity ratio	Capital stock	
Ownership ratio of premises (consolidated basis)	Operating profit to total assets ratio	Total number of outstanding shares	
Ownership ratio of building (consolidated basis)	Operating profit to Stockholders' equity ratio	Stock price (Nikkei Stock Average)	
	Stockholders' equity ratio	Taxes and public charges	
	Balance of total market value and stockholders' equity		
	R&D cost		
	R&D cost to sales volume ratio		
	R&D cost to operating profit ratio		
	R&D cost to gross operating profit ratio		

FIG. 4A

(b) PATENT INFORMATION

(A) Application Related Matters	
Filing date	Number of filings
Application number	Number of request for examination
Title of the invention	Number of filings based on IPC
Inventors	Number of filings based on keywords
Applicants	Number of claims filed
Scope of claims	Years spent on examination requests
Abstract	Number of inventors
IPC	Number of applicants (number of joint applications)
FI	Number of domestic priority-claiming applications
F term	Number of domestic priority bases claimed in applications
Agents	Number of priority bases from foreign countries
Publication date	Number of applications in which an exception to loss of novelty is requested
Publication number	Number of applications in which examination is requested before laid-open
Existence of request for examination	Number of divisional applications
Date of request for examination	Number of withdrawn/abandoned applications
Priority date	Number of converted applications
Priority number	Number of expedited examinations
Date of publication of translations of PCT international application	Number of filings (in each country)
Number for publication of translations of PCT international application	Number of inventors in applications (in each country)
Date of domestic re-publication of PCT international application	Number of applicants in applications (in each country)
Number for domestic re-publication of PCT international application	Number of priority-claiming applications (in each country)
International filing date	Number of priority bases claimed in applications (in each country)
International application number	Number of divisional applications (in each country)
International publication date	
International publication number	
Designated countries	

FIG. 4B

(b) PATENT INFORMATION

(B) Registration Related Matters	
Registration date	Number of registrations
Issue date of registration	Number of claims registered
Registration number	Number of expired patents after registration
Scheduled day of expiration of right	Years spent from application to registration
Date of publication of examined application	Patent registration rate
Publication number of examined application	Patent allowance rate
Annual maintenance fee payment status	Years spent from request for examination to registration
Number of final decisions for rejection	Number of applications in which preferential examination is conducted
Date of final decision for rejection	Number of rejections issued
Number of claims decided to be finally rejected	Number of amendments filed
Number of appeals against final decision for rejection	Number of amendments filed (for formalities)
number of abandoned/withdrawn applications after request for examination	Number of written oppositions filed
Number of abandoned/withdrawn claims after request for examination	Number of appeals and trials
Number of invalidation trials	Number of registrations for creating patent right
Appeal/trial number	Number of registrations for extending term of patent right
Date of decision to appeal/trial	Number of transferred patents
Number of claims demanded for invalidation trial	Number of registrations (in each country)
Number of appeals to dismissal of amendment or trials for correction	Years required for registration (in each country)
Number of oppositions	Years spent on examination (in each country)
Number of claims demanded for opposition	Number of rejections issued (in each country)
Inventors of registered patent	Number of amendments filed (in each country)
Number of inventors of registered patent	Number of amendments filed (for formalities) (in each country)
Applicants of registered patent	Number of oppositions filed (in each country)
References cited	Number of applications in which preferential examination is conducted
	Number of rejections issued

"PATENT QUARTERLY JOURNAL" INDEX LIST OF ENTERPRISE VALUE EVALUATION SYSTEM

A: Business, Profit and Market Value Related Index (1)

Index Group	Index	Formula
(A) Investment	Facility Investment Amount	$\{(Current\ Term\ Tangible\ Fixed\ Assets - Previous\ Term\ Tangible\ Fixed\ Assets)\} + (Current\ Term\ Depreciation\ Cost)$
	R&D Cost	Total Amount of R&D Cost
	Investment Trend Index	Term-on-Term Ratio of [(Facility Investment Amount) + (R&D Cost)]
	Facility Investment Efficiency	$\frac{(Value\ Added\ Amount)/(Tangible\ Fixed\ Assets)}{(Value\ Added\ Amount)/(Number\ of\ Employees)}$
(B) Management/Finance Analysis	Labor Productivity	$\frac{(Tangible\ Fixed\ Assets)/(Number\ of\ Employees)}{(Personnel\ Expense\ to\ be\ Included\ in\ Selling\ Cost\ and\ Administrative\ Expenses) + (Labor\ Cost\ to\ be\ Included\ in\ Manufacturing\ Cost)}/(Value\ Added\ Amount)$
	Labor Equipment Ratio	$(Depreciation\ Target\ Tangible\ Fixed\ Assets\ Rate\ of\ Change) - ((1 - Labor\ Distribution\ Share\ (To\ Value\ Added)) \times (Number\ of\ Employees\ Rate\ of\ Change))$
	Labor Distribution Share	$((Cost\ of\ Sales)/Sales\ Volume) - (Selling\ Cost\ and\ Administrative\ Expenses)/(Sales\ Volume)$
	Total Factor Productivity	$(Interest\ Bearing\ Debt)/(Total\ Assets)$
(C) Profit Related Items	Cost-to-Sales Ratio	$(Equity\ Capital)/(Total\ Assets)$
	Cost of Sales-and-Administration Ratio to Sales	$(Operating\ Net\ Profit) + (Interest\ Paid\ and\ Discount) + (R&D\ Cost) + (Depreciation\ Cost) + (Personnel\ Expense\ (including\ board\ members'\ remuneration)) + (Welfare\ Expense) + (Tax\ and\ Dues)$
	Interest Bearing Debt Ratio	$(Operating\ Net\ Profit) = (Operating\ Profit) - (Interest\ Paid\ and\ Discount)$
	Equity to Asset Ratio	$(Operating\ Profit) + (R&D\ Cost)$
(D) Earnings on Intellectual Assets (EOIA)	Sales Volume	$(Sales\ Volume)$
	Value Added Amount	$(Operating\ Profit) + (Depreciation\ Cost)$
	Gross Operating Profit (GBP)	$(Operating\ Profit) - (Interest\ Paid\ and\ Discount)$
	Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)	$(Patent\ Royalty\ Income)/(Total\ Assets)$
(E) Return On Intellectual Assets (ROIA)	Operating Profit	$(EBITDA) + (Patent\ Royalty\ Income)/(Total\ Assets)$
	Operating Net Profit	$((Operating\ Profit) + (Patent\ Royalty\ Income)) / (Total\ Assets)$
	Patent Royalty Income	$((Operating\ Profit) + (Patent\ Royalty\ Income)) / (Total\ Assets)$
	ROA <sub>q</sub>	$((Value\ Added\ Amount) + (Patent\ Royalty\ Income)) / (Total\ Assets)$
(F) Earnings on Long Term Prime Rate Application of Intellectual Assets (ROIA)	ROA <sub>B</sub>	$((GBP) + (Patent\ Royalty\ Income)) / (Total\ Assets)$
	ROA <sub>Y</sub>	$((Operating\ Profit) + (Patent\ Royalty\ Income)) / (Total\ Assets)$
	ROA <sub>S</sub>	$((GBP) + (Patent\ Royalty\ Income)) - ((Financial\ Assets) \times (Profit\ Ratio\ m)) + ((Tangible\ Fixed\ Assets) \times (Profit\ Ratio\ f))$
	Earnings on Intellectual Assets (EOIA)	$(Profit\ Ratio\ m) : Application\ of\ Short\ Term\ Prime\ Rate;$ $Application\ of\ Long\ Term\ Prime\ Rate$
(G) Return On Intellectual Assets (ROIA)	Return On Intellectual Assets (ROIA)	$((Earnings\ on\ Intellectual\ Assets) / (Total\ Assets))$

FIG. 5

FIG. 6

"PATENT QUARTERLY JOURNAL" INDEX LIST OF ENTERPRISE VALUE EVALUATION SYSTEM  
**A: Business, Profit and Market Value Related Index (2)**

Index Group	Index	Formula
	Excess Value Added Amount	$\text{Sales Volume} \times \{(\text{Sales Volume Value Added Ratio}) - (\text{Industry Average Sales Volume Value Added Ratio})\}$
	Excess GBP	$\text{Sales Volume} \times \{(\text{Sales Volume GBP Ratio}) - (\text{Industry Average Sales Volume GBP Ratio})\}$
	Excess EBITDA	$\text{Sales Volume} \times \{(\text{Sales Volume EBITDA Ratio}) - (\text{Industry Average Sales Volume EBITDA Ratio})\}$
(D) Excess Profit Analysis	Excess Operating Profit	$\text{Sales Volume} \times \{(\text{Operating Profit Ratio (To Sales)}) - (\text{Industry Average Operating Profit Ratio (To Sales)})\}$
	Excess ROA $\alpha$	$(\text{ROA } \alpha) - (\text{Industry Average ROA } \alpha)$
	Excess ROA $\beta$	$(\text{ROA } \beta) - (\text{Industry Average ROA } \beta)$
	Excess ROA $\gamma$	$(\text{ROA } \gamma) - (\text{Industry Average ROA } \gamma)$
	Excess ROA $\delta$	$(\text{ROA } \delta) - (\text{Industry Average ROA } \delta)$
	Excess Earnings on Intellectual Assets (EXEOIA)	$(\text{Net Assets}) \times \{(\text{Ratio of Earnings on Intellectual Assets}) - (\text{Industry Average of Ratio of Earnings on Intellectual Assets})\}$
MVA		$(\text{Value of Stock}) - (\text{Shareholders' Equity})$ $= (\text{Value of Stock}) - (\text{Total Number of Outstanding Stock}) \times (\text{Stock Price})$ $= (\text{Value of Stock}) / (\text{Equity Capital})$
PBR		$(\text{Fixed Liabilities}) \times (\text{Profit Ratio a}) + (\text{Value of Stock}) \times (\text{Profit Ratio p}) - [\{\text{Financial Assets}\} \times (\text{Profit Ratio m}) + (\text{Tangible Fixed Assets}) \times (\text{Profit Ratio f})] / (\text{Profit Ratio f})$ $\alpha$ : (Weighted Average of Long Term Prime Rate and Bond Rate) $p$ : (1 - Corporate Tax) $m$ : Calculated Based on Capital Asset Pricing Model (CAPM). Yield on Long Term 10-Year Government Bonds, Stock Investment Profit Ratio, $\beta$ : Value were used. $f$ : Application of Short Term Prime Rate (Profit Ratio f); Application of Long Term Prime Rate
(M) Market Evaluation Related Items	Expected Intellectual Property Profit	$((\text{GBP}) + (\text{Patent Royalty Income})) / (\text{Total Number of Effective Patents})$ $\alpha$ : (Excess Value Added) + (Patent Royalty Income)) / (Total Number of Effective Patents) $\beta$ : ((Excess GBP) + (Patent Royalty Income)) / (Total Number of Effective Patents) $\gamma$ : ((Excess Earnings on Intellectual Assets (EXEOIA)) / (Total Number of Effective Patents))
(PE) Patent Profitability Related Items	Patent Profitability $\alpha$	$((\text{GBP}) + (\text{Patent Royalty Income})) / (\text{Total Number of Effective Patents})$
	Patent Profitability $\beta$	$((\text{Excess Value Added}) + (\text{Patent Royalty Income})) / (\text{Total Number of Effective Patents})$
	Patent Profitability $\gamma$	$((\text{Excess GBP}) + (\text{Patent Royalty Income})) / (\text{Total Number of Effective Patents})$
	Patent Profitability $\delta$	$((\text{Excess Earnings on Intellectual Assets (EXEOIA)}) / (\text{Total Number of Effective Patents}))$

FIG. 7

"PATENT QUARTERLY JOURNAL" INDEX LIST OF ENTERPRISE VALUE EVALUATION SYSTEM

B: R&D and Patent Related Index (1)

Index Group	Index	Formula
(R) R&D Related Items	R&D Cost Ratio $\alpha$	(R&D Cost)/(Sales Volume)
	R&D Cost Ratio $\beta$	(R&D Cost)/(Value Added Amount)
	R&D Cost Ratio $\gamma$	(R&D Cost)/(GBP)
	R&D Cost Ratio $\delta$	(R&D Cost)/(Total Assets)
	Number of Inventors	(Calculated Based on "Inventor" Column of Laid-Open Publications)
	Ratio of Inventors	(Number of Inventors)/(Number of Employees)
	R&D Cost per Inventor	(R&D Cost)/(Number of Inventors)
(PA) Patent Application Related Items	Number of Patent Applications	(Joint Application is Recorded as One Application)
	Number of Claims Filed	(Sum of Number of Claims of Laid-Open Publications)
	Number of Claims per Patent Application	(Number of Claims Filed)/(Number of Patent Applications)
	Number of application per Inventor	(Number of Patent Applications (Other Than Joint Applications))/(Number of Inventors)
	Number of Claims per Inventor (Patent Application)	(Number of Claims Filed (Other Than Joint Applications))/(Number of Inventors)
	Number of Joint Applications	(Number of Joint Applications Among Patent Applications Filed)
	Joint Filing Ratio	(Number of Joint Applications)/(Number of Patent Applications)
(PB) Examination Request Related Items	Number of Applicants in Joint Patent Application Stock	(Number of Joint Applicants in Joint Applications) (Cumulative Number of Patent Applications)
	Number of Examination Requests	(Number of Examination Requests Filed) ( $\Sigma$ (Date of Examination Request - Filing Date))/(Number of Examination Requests) (Annual Number of Days))
	Years to Examination Request (Average)	(Examination Request Ratio Pertaining to Number of Patent Applications of Each Year) (Cumulative Number of Examination Requests)
Examination Request Related Items	Examination Request Ratio	
	Cumulative Number of Examination Requests	

FIG. 8

**"PATENT QUARTERLY JOURNAL" INDEX LIST OF ENTERPRISE VALUE EVALUATION SYSTEM**

**B: R&D and Patent Related Index (2)**

Index Group	Index	Formula
	Number of Patents Granted	(Number of Patents Granted)
	Number of Claims Registered	(Number of "Claims" in Registered Gazette)
	Years to Patent Granted (Average)	[ $\sum$ (Patent Registration Date - Patent Filing Date)] / [(Number of Patents Granted) x (Annual Number of Days)]
(PT) Patent Acquisition (Registration)	Patent Granted Ratio to Number of Applications	(Number of Patents Granted Each Year) / (Number of Patent Applications Filed Each Year)
Related Items	Patent Granted Stock	(Patent Granted Stock at End of Each Year)
	Patent Granted Ratio to Number of Examination Requests	(Number of Patents Granted Each Year) / (Number of Examination Requests Filed Each Year)
	Patent Granted Stock Ratio to Examination Request Stock	(Patent Granted Stock) / (Cumulative Number of Examination Requests)
	Number of Effective Patents Granted	(Number of Patents Granted Each Year) - (Number of Patents Invalidated Among Patent Registrations Each Year)
(PP) Patent Productivity	Patent Application Productivity	(Number of Claims of Patent Applications in a year) / (R&D Cost in a previous year)
	Examination Request Productivity	Correction of (Patent Application Productivity). (Patent Application Productivity) x (Estimated Examination Request Ratio) (Estimated Examination Request Ratio: Sought Based on Number of Examination Requests for Previous Applications in which the item for Examination Request is expired.)
	Patent Granted Productivity	Correction of (Patent Application Productivity). (Patent Application Productivity) x (Estimated Registration Ratio) (Estimated Registration Ratio: Sought Based on Number of Registrations of Previous Applications, Lapsed Years, Average Required Years to Patent Granted)
(PS) Patent Stock Related Items	Total Number of Effective Patents	(Patent Granted Stock) - (Patent Invalidation Stock)
	Patent Granted Renewal Ratio	(Total Number of Effective Patents) / (Patent Granted Stock)
	Years to Renewal Patent Granted Expiration (Average)	[ $\sum$ (Scheduled Invalidation Date of Each Patent of the Total Number of Effective Patents - Year End)] / [(Total Number of Effective Patents) x (Annual Number of Days)]
	Patent Stock Index	(Total Number of Effective Patents) x (Years to Renewal Patent Granted Expiration (Average)) / [(Total Number of Patents Granted) x (Total Number of Effective Patents)]
	Total Patent Assets	[(R&D Cost) / (Number of Patents Granted)] x (Total Number of Effective Patents)

FIG. 9

"PATENT QUARTERLY JOURNAL" INDEX LIST OF ENTERPRISE VALUE EVALUATION SYSTEM

C: Patent Portfolio Related Index

Index Group	Index	Formula
(PAP) Patent Application Portfolio analysis	Patent Application Portfolio analysis [Power of Number of Claims Share Per Technical Field] Enterprise or Share of each Enterprise in All Enterprises in a Technical Field	
Patent Diversification Index (PDI)	[1 - Σ(Share of Each Technical Field in an Enterprise) <sup>2</sup> ]	
Patent Competitive Position Index (PCPI)	$\frac{[\sum (\text{SEI Index Per Technical Field})] \times (\text{Share of Each Company Per Technical Field})}{[\sum (\text{SEI Index Per Technical Field})]} \times (1 + \text{Excess Growth Rate})$	
Average Patent Competitive Position Index (Average PCPI)	(Patent Competitive Position Index (PCPI))/(Number of Technical Fields covered by Company's Patent Applications (Average in 3 Years))	
(PKA) Characteristic Keywords	(Selected Keywords Having an Appearance Frequency That is Not Large in All Patent Publications and That is Large in Patent Publications of the Same Company)	
Number of Characteristic Keywords	(Representation of Character of an Enterprise by the Number of Keywords under a Constant Condition of Selecting the Characteristic Keywords)	
Patent Similarity Index	(Ratio of Patent Publications Having the Keyword of the Subject Patent Publication within a Population)	
(PSI) Patent Similarity Analysis	Patent Similarity Index to the Same Company (PSIself), Patent Similarity Index to All Companies (PSIall), Normal Patent Publication Exceptional Patent Publication	(Patent Similarity Index (PSI) When the Population is the Same Company's Patent Publications) (Patent Similarity Index (PSI) When the Population is All Patent Publications Including the Other Companies' Patent Publications) (Patent Publications Having Significantly Large PSIall) (Patent Publications Having Significantly Small PSIall)

FIG. 10

TRANSITION OF TOTAL FACTOR PRODUCTIVITY  
OF THE THREE MAJOR AUTOMOBILE MAKERS

	YEAR 2000	YEAR 2001	YEAR 2002
COMPANY TY	4.2	21.3	10.2
COMPANY NS	10.3	25.3	12.9
COMPANY HD	-2.9	12.4	3.1

FIG. 11

## TOTAL FACTOR PRODUCTIVITY – EXCESS RETURN ON INTELLECTUAL ASSET

$$y = 0.4233x + 0.5721$$

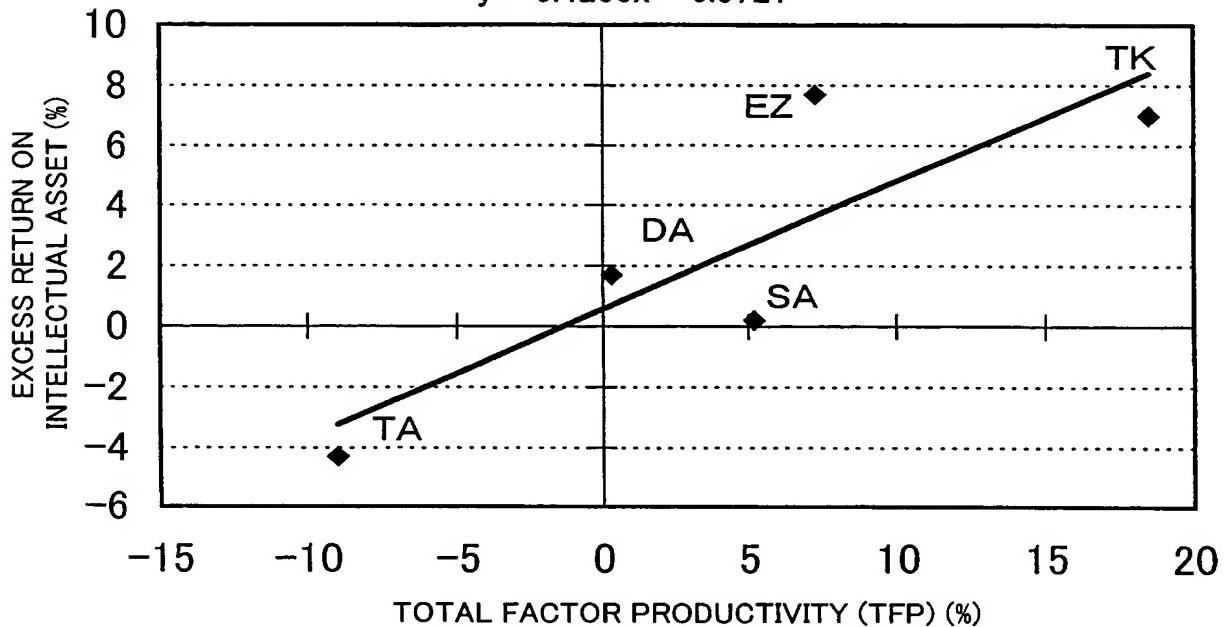


FIG. 12

## EARNINGS ON INTELLECTUAL ASSET – EXPECTED INTELLECTUAL PROPERTY PROFIT

$$y = 0.1051x - 496.41$$

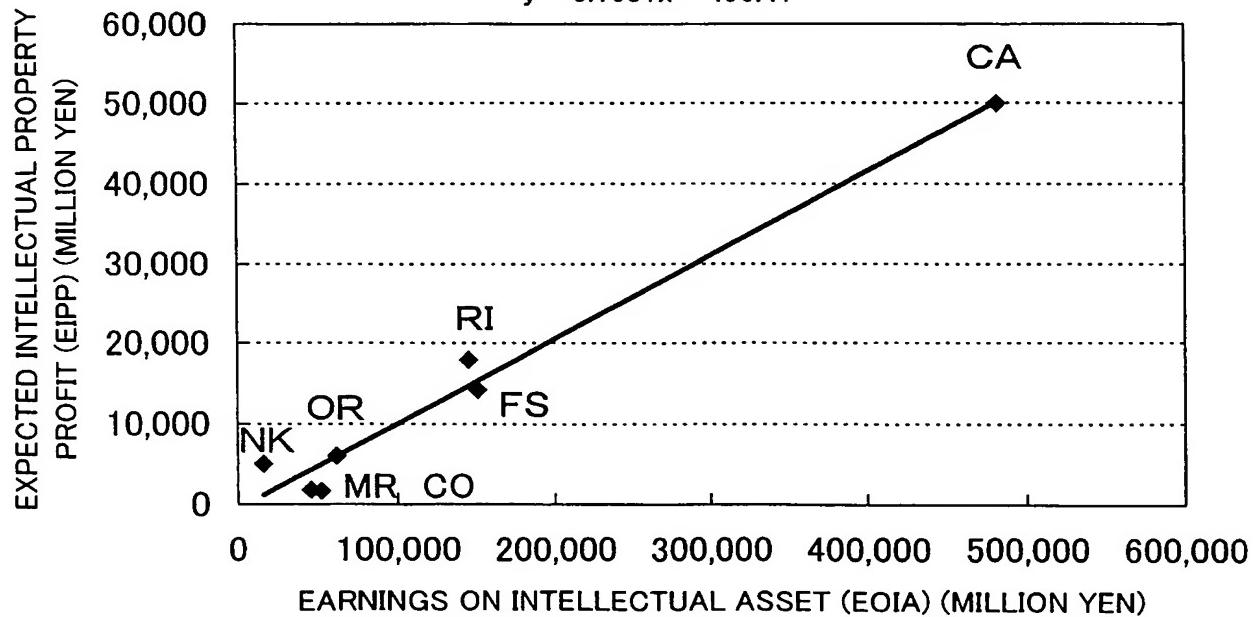


FIG. 13

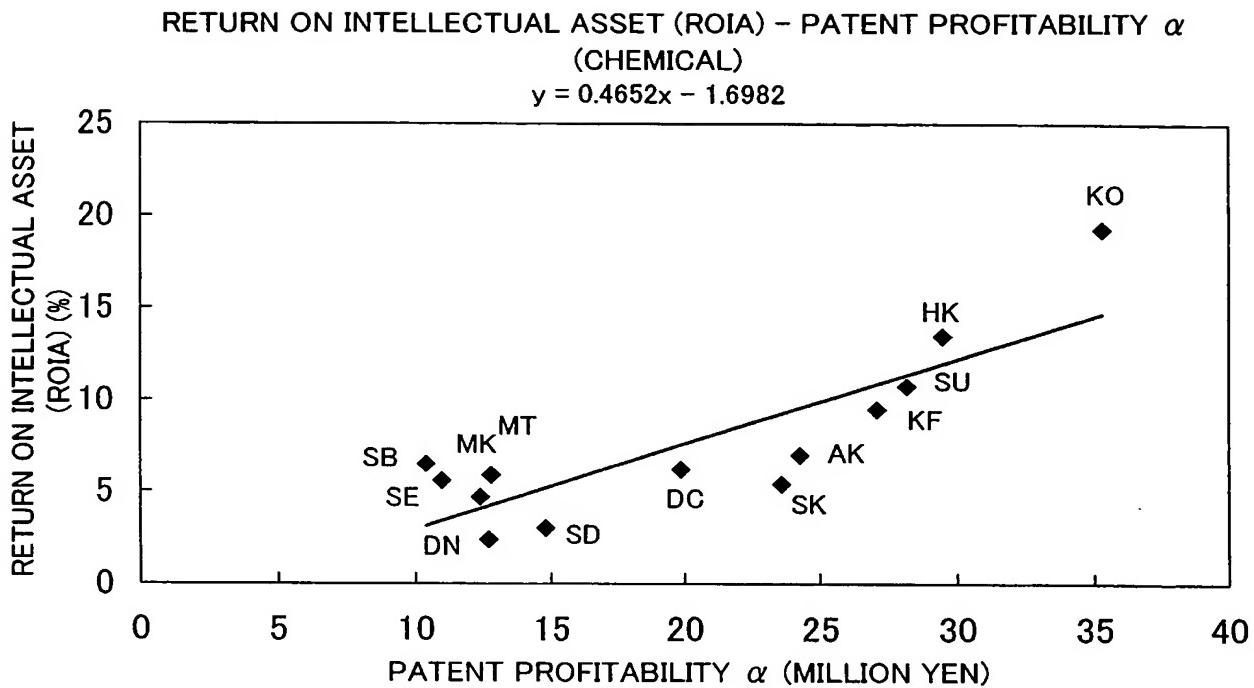


FIG. 14

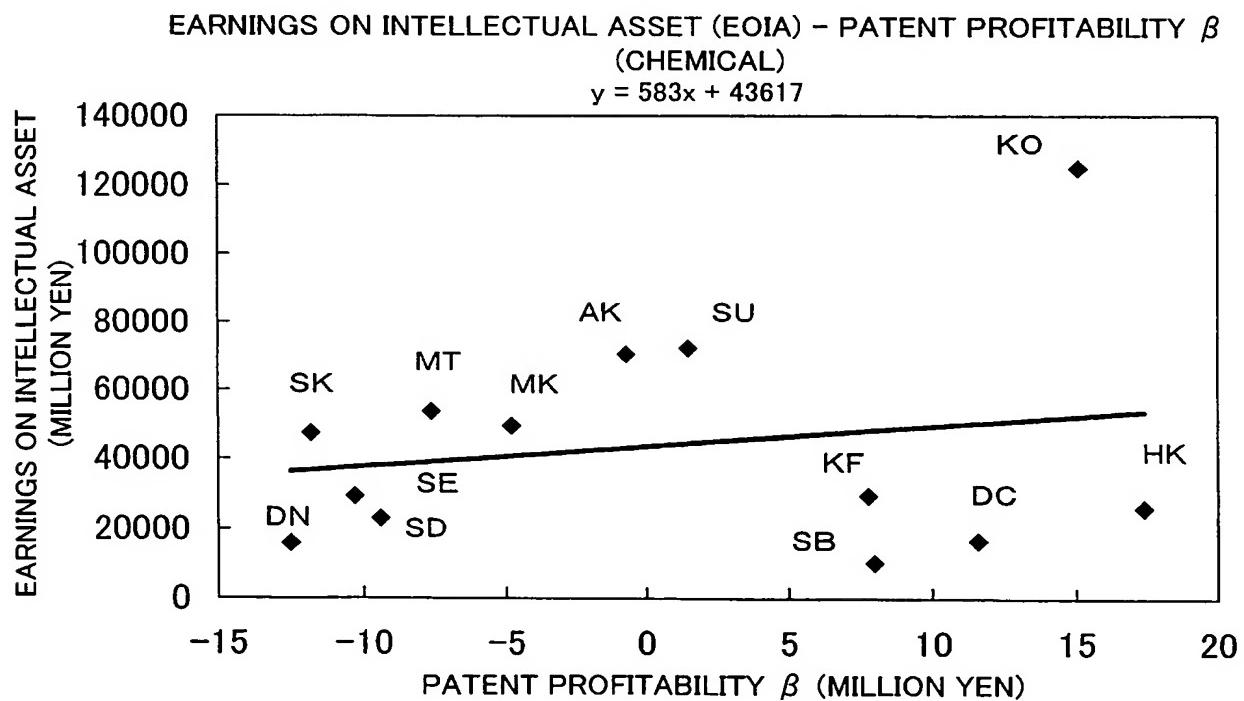


FIG. 15

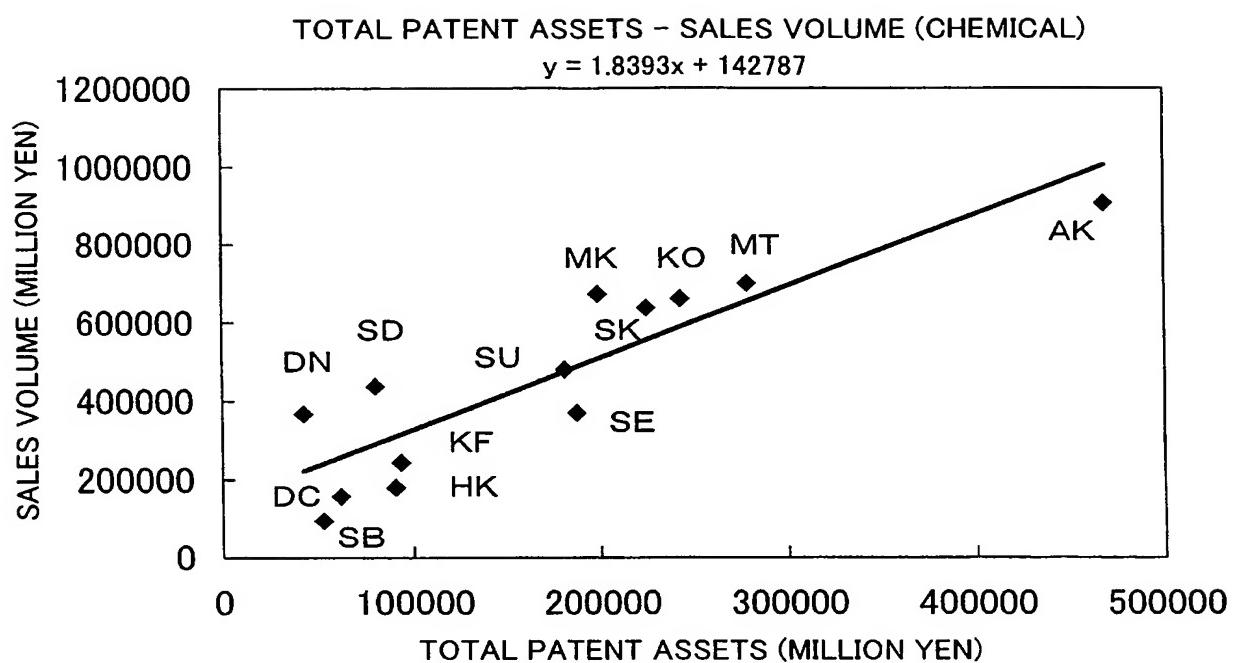


FIG. 16

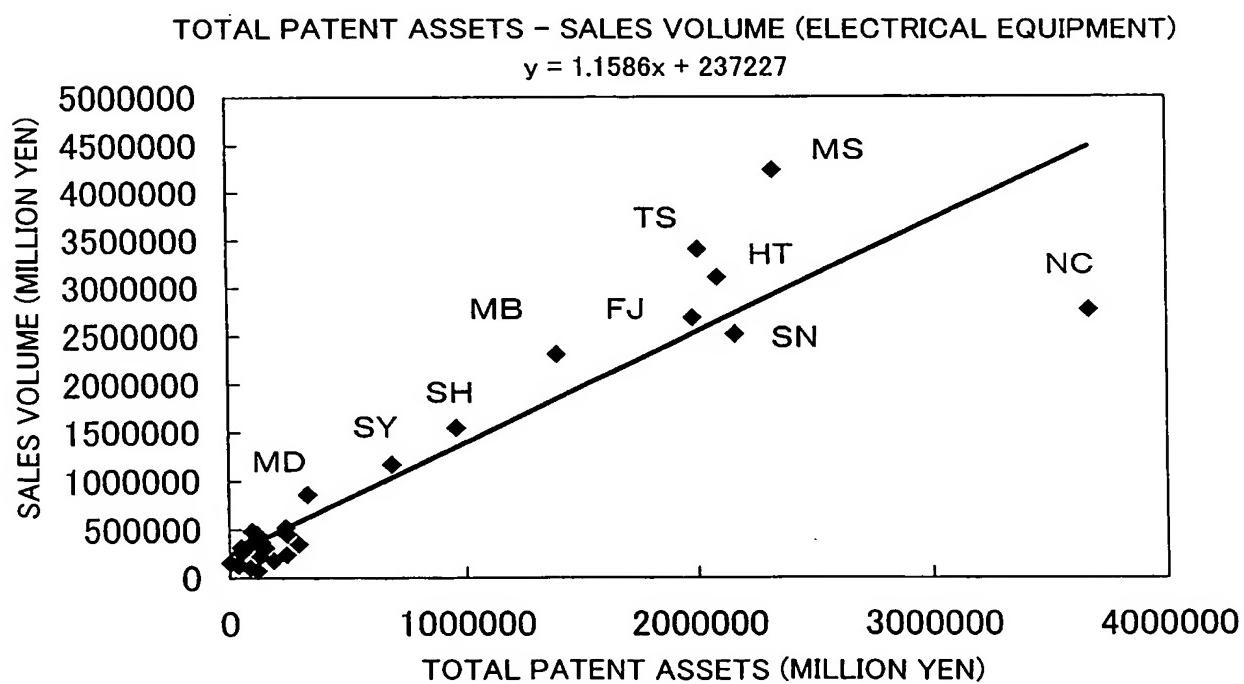


FIG. 17

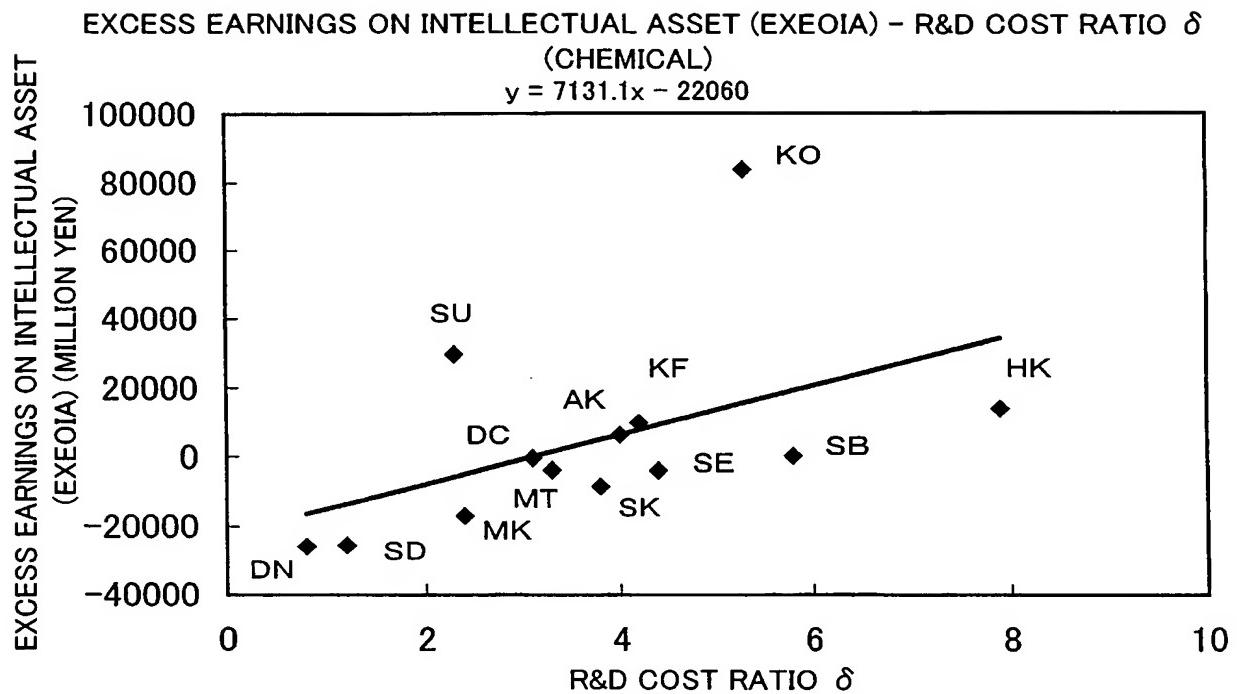


FIG. 18

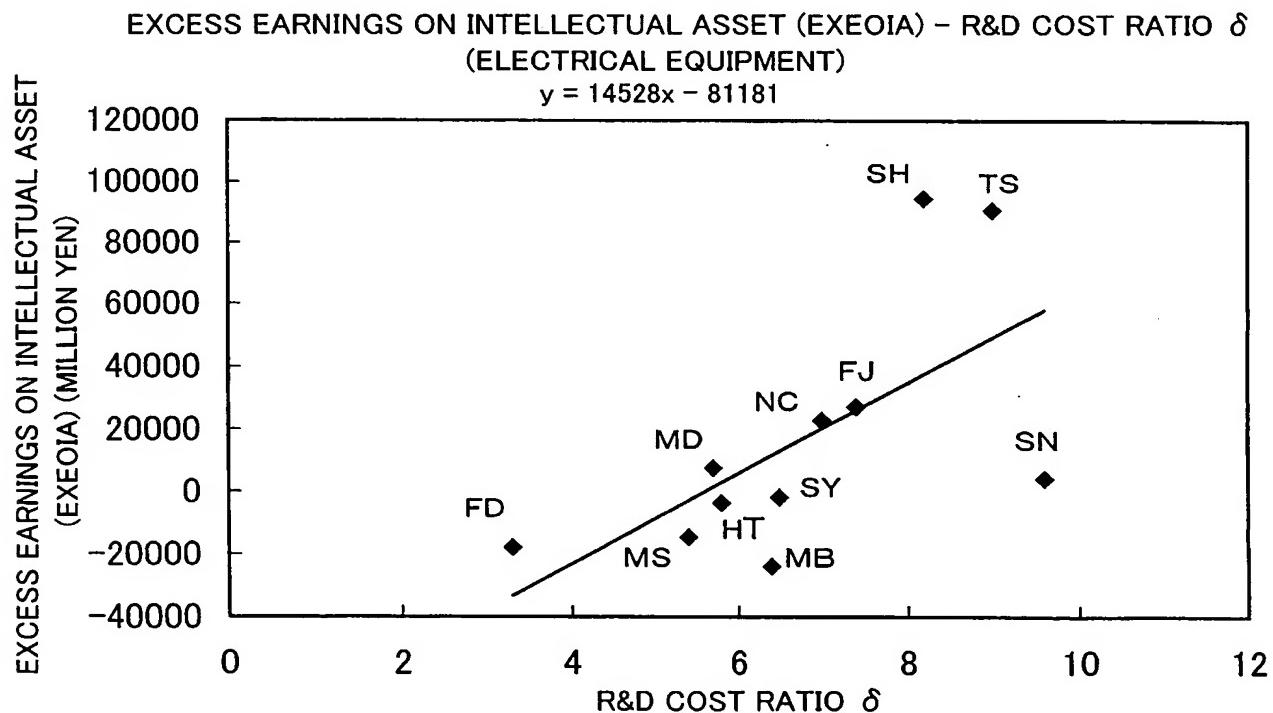


FIG. 19

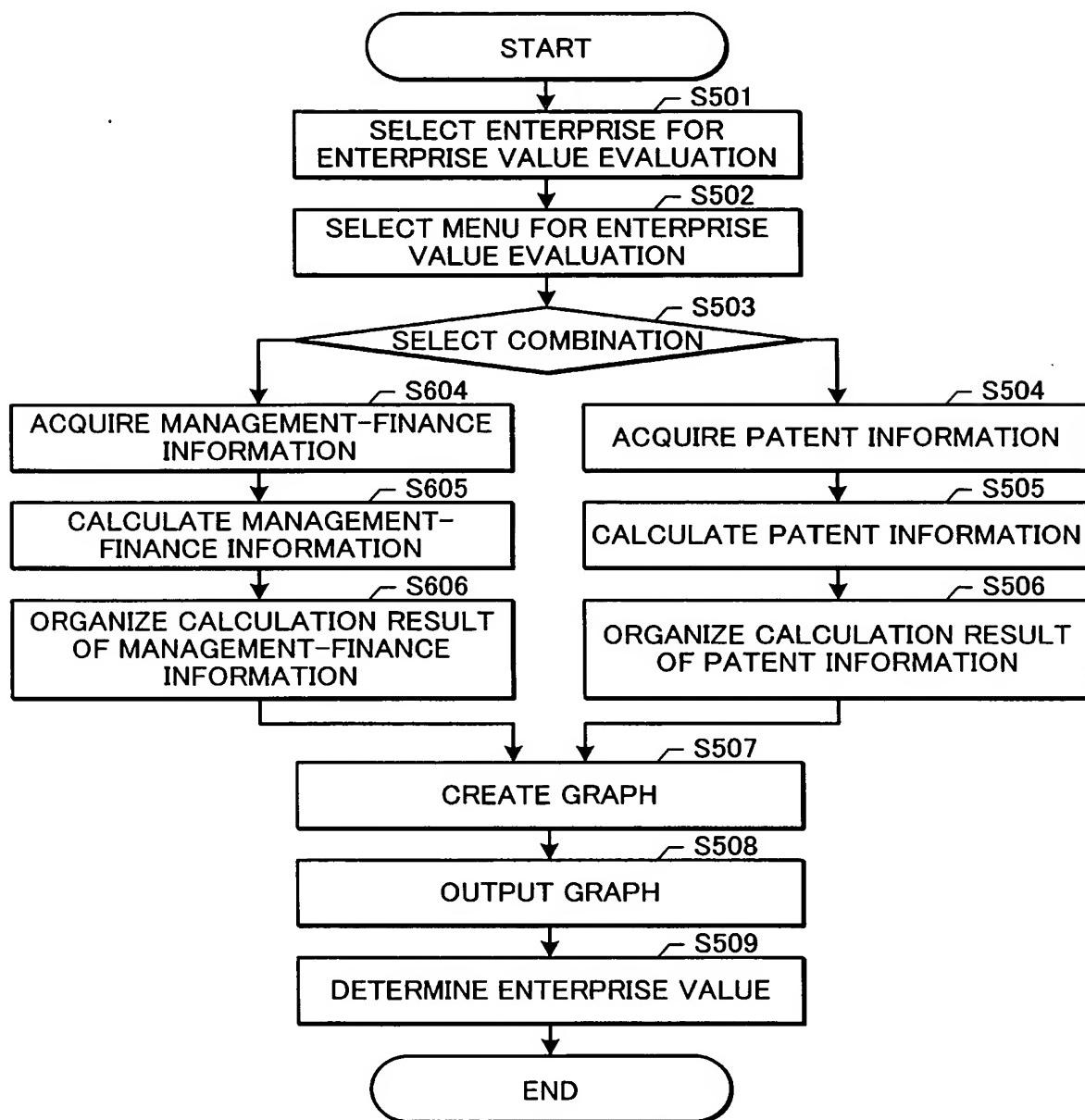


FIG. 20

ENTERPRISE VALUE EVALUATION INPUT CONDITION SETTING (2)	
SELECT CONDITIONS IN THE WINDOWS BELOW	
TARGET (1)	
All industries	
Industry	Food
Enterprise	Ceramic
Other unit	Steel, nonferrous and metal
	Machinery and shipbuilding
	Electrical equipment
	Automobile & transport machine
	Fabric, pulp and paper
	Precision equipment
	Other manufacturing
	Construction
	Information & telecommunication
	Electricity and gas
	Chemical
	Service
	Pharmaceutical
TARGET (2)	
Industry	<input type="checkbox"/>
Enterprise	<input type="checkbox"/>
Enterprise	<input type="checkbox"/>
Other unit	<input type="checkbox"/>
Company name	
<input type="text"/>	
Company code	
<input type="text"/>	
Applicant code	
<input type="text"/>	
<input type="button" value="Search"/>	

FIG. 21

ENTERPRISE VALUE EVALUATION MENU (1)		
<input type="button" value="BACK"/> <input type="button" value="SET"/>		SELECT INDEXES IN THE WINDOWS BELOW
BUSINESS, PROFIT AND MARKET VALUE		R&D AND PATENT
<input type="checkbox"/> (A) Investment index		<input type="checkbox"/> (R) Research and development related index
<input checked="" type="checkbox"/> (B) Management-finance analysis index		<input type="checkbox"/> (PA) Patent application related index
<input type="checkbox"/> (C) Profit related index		<input type="checkbox"/> (PB) Examination request related index
<input type="checkbox"/> (D) Excess profit analysis index		<input type="checkbox"/> (P1) Patent acquisition (registration) related index
<input type="checkbox"/> (M) Market evaluation related index		<input type="checkbox"/> (PP) Patent productivity index
<input type="checkbox"/> (PE) Patent profitability index		<input type="checkbox"/> (PS) Patent stock related index
		PATENT PORTFOLIO
		<input type="checkbox"/> (PAP) Patent application portfolio analysis
		<input type="checkbox"/> (PKA) Characteristic keyword list
		<input type="checkbox"/> (PSI) Patent similarity analysis

FIG. 22

ENTERPRISE VALUE EVALUATION MENU (2)	
SELECT INDEXES IN THE WINDOWS BELOW	
BUSINESS, PROFIT AND MARKET VALUE	
(A) Investment index	<input type="checkbox"/>
(B) Management-finance analysis index	<input type="checkbox"/> Facility investment efficiency
(C) Profit related index	<input type="checkbox"/> Labor productivity
(D) Excess profit analysis index	<input type="checkbox"/> Labor equipment ratio
(M) Market evaluation related index	<input type="checkbox"/> Labor distribution rate
(PE) Patent profitability index	<input type="checkbox"/> Total labor distribution rate index
R&D AND PATENT	
(R) Research and development related index	<input type="checkbox"/>
(PA) Patent application related index	<input type="checkbox"/>
(PB) Examination request related index	<input type="checkbox"/>
(PT) Patent acquisition (registration) related index	<input type="checkbox"/>
(PP) Patent productivity index	<input type="checkbox"/>
(PS) Patent stock related index	<input type="checkbox"/>
PATENT PORTFOLIO	
(PAP) Patent application portfolio analysis	<input type="checkbox"/>
(PKA) Characteristic keyword list	<input type="checkbox"/>
(PSI) Patent similarity analysis	<input type="checkbox"/>
BACK	
SET	

FIG. 23

ENTERPRISE VALUE EVALUATION MENU (1)	
SELECT INDEXES IN THE WINDOWS BELOW	
BUSINESS, PROFIT AND MARKET VALUE	(A) Investment index
	(B) Management-finance analysis index
R&D AND PATENT	(C) Profit related index
	(D) Excess profit analysis index
PATENT PORTFOLIO	(R) Research and development related index
	(PA) Patent application related index
(PB) Examination request related index	
(P1) Patent acquisition (registration) related index	
(PP) Patent productivity index	
(PS) Patent stock related index	
□ BACK	
□ SET	

FIG. 24

ENTERPRISE VALUE EVALUATION MENU (3)	
SELECT INDEXES IN THE WINDOWS BELOW	
<b>PATENT PORTFOLIO</b>	
<input type="checkbox"/> (PAP) Patent application portfolio analysis	
<input type="checkbox"/> (PKA) Characteristic keyword list	
<input type="checkbox"/> (PSI) Patent similarity analysis	
<b>R&amp;D AND PATENT</b>	
<input type="checkbox"/> (R) Research and development related index	<input type="checkbox"/> R&D cost ratio $\alpha$
<input type="checkbox"/> (PA) Patent application related index	<input type="checkbox"/> R&D cost ratio $\beta$
<input type="checkbox"/> (PB) Examination request related index	<input type="checkbox"/> R&D cost ratio $\gamma$
<input type="checkbox"/> (PT) Patent acquisition (registration) related index	<input checked="" type="checkbox"/> R&D cost ratio $\delta$
<input type="checkbox"/> (PP) Patent productivity index	<input type="checkbox"/> Number of inventors
<input type="checkbox"/> (PS) Patent stock related index	<input type="checkbox"/> Inventor ratio
	<input type="checkbox"/> R&D cost per inventor
<b>BUSINESS, PROFIT AND MARKET VALUE</b>	
<input type="checkbox"/> (A) Investment index	
<input type="checkbox"/> (B) Management-finance analysis index	
<input type="checkbox"/> (C) Profit related index	
<input type="checkbox"/> (D) Excess profit analysis index	
<input type="checkbox"/> (M) Market evaluation related index	
<input type="checkbox"/> (PE) Patent profitability index	

FIG. 25

ENTERPRISE VALUE EVALUATION MENU (1)	
SELECT INDEXES IN THE WINDOWS BELOW	
<b>BUSINESS, PROFIT AND MARKET VALUE</b>	
(A) Investment index	<input type="checkbox"/>
(B) Management-finance analysis index	<input type="checkbox"/>
(C) Profit related index	<input type="checkbox"/>
(D) Excess profit analysis index	<input checked="" type="checkbox"/>
(M) Market evaluation related index	<input type="checkbox"/>
(PE) Patent profitability index	<input type="checkbox"/>
<b>R&amp;D AND PATENT</b>	
(R) Research and development related index	<input type="checkbox"/>
(PA) Patent application related index	<input type="checkbox"/>
(PB) Examination request related index	<input type="checkbox"/>
(P1) Patent acquisition (registration) related index	<input type="checkbox"/>
(PP) Patent productivity index	<input type="checkbox"/>
(PS) Patent stock related index	<input type="checkbox"/>
<b>PATENT PORTFOLIO</b>	
(PAP) Patent application portfolio analysis	<input type="checkbox"/>
(PKA) Characteristic keyword list	<input type="checkbox"/>
(PSI) Patent similarity analysis	<input type="checkbox"/>

FIG. 26

ENTERPRISE VALUE EVALUATION MENU (2)	
SELECT INDEXES IN THE WINDOWS BELOW	
<b>BUSINESS, PROFIT AND MARKET VALUE</b>	
(A) Investment index	<input type="checkbox"/>
(B) Management-finance analysis index	<input type="checkbox"/>
(C) Profit related index	<input type="checkbox"/>
(D) Excess profit analysis index	<input type="checkbox"/> Excess value added amount
(M) Market evaluation related index	<input type="checkbox"/> Excess GBP
(PE) Patent profitability index	<input type="checkbox"/> Excess EBITDA
	<input type="checkbox"/> Excess operating profit
	<input type="checkbox"/> Excess ROA. $\alpha$
	<input type="checkbox"/> Excess ROA. $\beta$
	<input type="checkbox"/> Excess ROA. $\gamma$
	<input type="checkbox"/> Excess ROA. $\delta$
	<input checked="" type="checkbox"/> Excess earnings on intellectual asset (EXEOIA)
<b>R&amp;D AND PATENT</b>	
(R) Research and development related index	<input type="checkbox"/>
(PA) Patent application related index	<input type="checkbox"/>
(PB) Examination request related index	<input type="checkbox"/>
(PT) Patent acquisition (registration) related index	<input type="checkbox"/>
(PP) Patent productivity index	<input type="checkbox"/>
(PS) Patent stock related index	<input type="checkbox"/>
<b>PATENT PORTFOLIO</b>	
(PAP) Patent application portfolio analysis	<input type="checkbox"/>
(PKA) Characteristic keyword list	<input type="checkbox"/>
(PSI) Patent similarity analysis	<input type="checkbox"/>

FIG. 27

ENTERPRISE VALUE EVALUATION OUTPUT CONDITION SETTING																							
SELECT CONDITIONS IN THE WINDOWS BELOW																							
<input type="button" value="BACK"/> <input type="button" value="SET"/>																							
<table border="1"><thead><tr><th>MAP POSITION</th><th>OUTPUT DATA</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/> 1 map</td><td>R&amp;D cost ratio <math>\alpha</math>      none</td></tr><tr><td><input type="checkbox"/> 2 maps</td><td>R&amp;D cost ratio <math>\beta</math>      top 5</td></tr><tr><td><input type="checkbox"/> 1 data sheet</td><td>R&amp;D cost ratio <math>\gamma</math>      top 10</td></tr><tr><td><input type="checkbox"/> 2 data sheets</td><td>R&amp;D cost ratio <math>\delta</math>      top 15</td></tr><tr><td><input type="checkbox"/> 1 map with data</td><td>COMMENT      top 20</td></tr><tr><td><input type="checkbox"/> 2 maps with data</td><td>(free entry)      numerical input</td></tr><tr><td><input type="checkbox"/> 1 map with comment</td><td></td></tr><tr><td><input type="checkbox"/> 2 maps with comment</td><td></td></tr><tr><td><input type="checkbox"/> 1 map with data and comment</td><td></td></tr><tr><td><input type="checkbox"/> 2 maps with data and comment</td><td></td></tr></tbody></table>		MAP POSITION	OUTPUT DATA	<input checked="" type="checkbox"/> 1 map	R&D cost ratio $\alpha$ none	<input type="checkbox"/> 2 maps	R&D cost ratio $\beta$ top 5	<input type="checkbox"/> 1 data sheet	R&D cost ratio $\gamma$ top 10	<input type="checkbox"/> 2 data sheets	R&D cost ratio $\delta$ top 15	<input type="checkbox"/> 1 map with data	COMMENT      top 20	<input type="checkbox"/> 2 maps with data	(free entry)      numerical input	<input type="checkbox"/> 1 map with comment		<input type="checkbox"/> 2 maps with comment		<input type="checkbox"/> 1 map with data and comment		<input type="checkbox"/> 2 maps with data and comment	
MAP POSITION	OUTPUT DATA																						
<input checked="" type="checkbox"/> 1 map	R&D cost ratio $\alpha$ none																						
<input type="checkbox"/> 2 maps	R&D cost ratio $\beta$ top 5																						
<input type="checkbox"/> 1 data sheet	R&D cost ratio $\gamma$ top 10																						
<input type="checkbox"/> 2 data sheets	R&D cost ratio $\delta$ top 15																						
<input type="checkbox"/> 1 map with data	COMMENT      top 20																						
<input type="checkbox"/> 2 maps with data	(free entry)      numerical input																						
<input type="checkbox"/> 1 map with comment																							
<input type="checkbox"/> 2 maps with comment																							
<input type="checkbox"/> 1 map with data and comment																							
<input type="checkbox"/> 2 maps with data and comment																							

FIG. 28

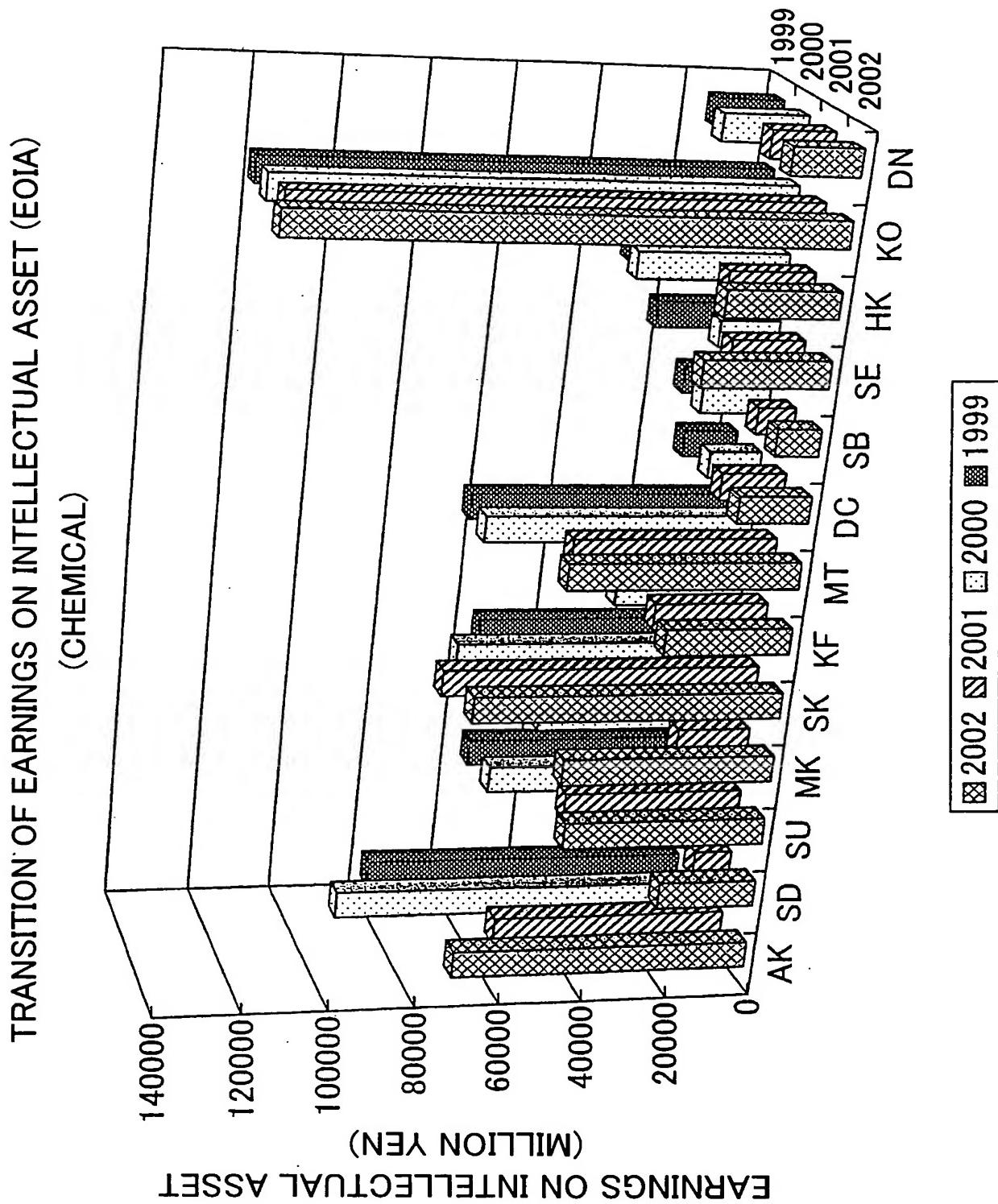


FIG. 29

TRANSITION OF EARNINGS ON INTELLECTUAL ASSET (EOIA)  
(ELECTRICAL EQUIPMENT)

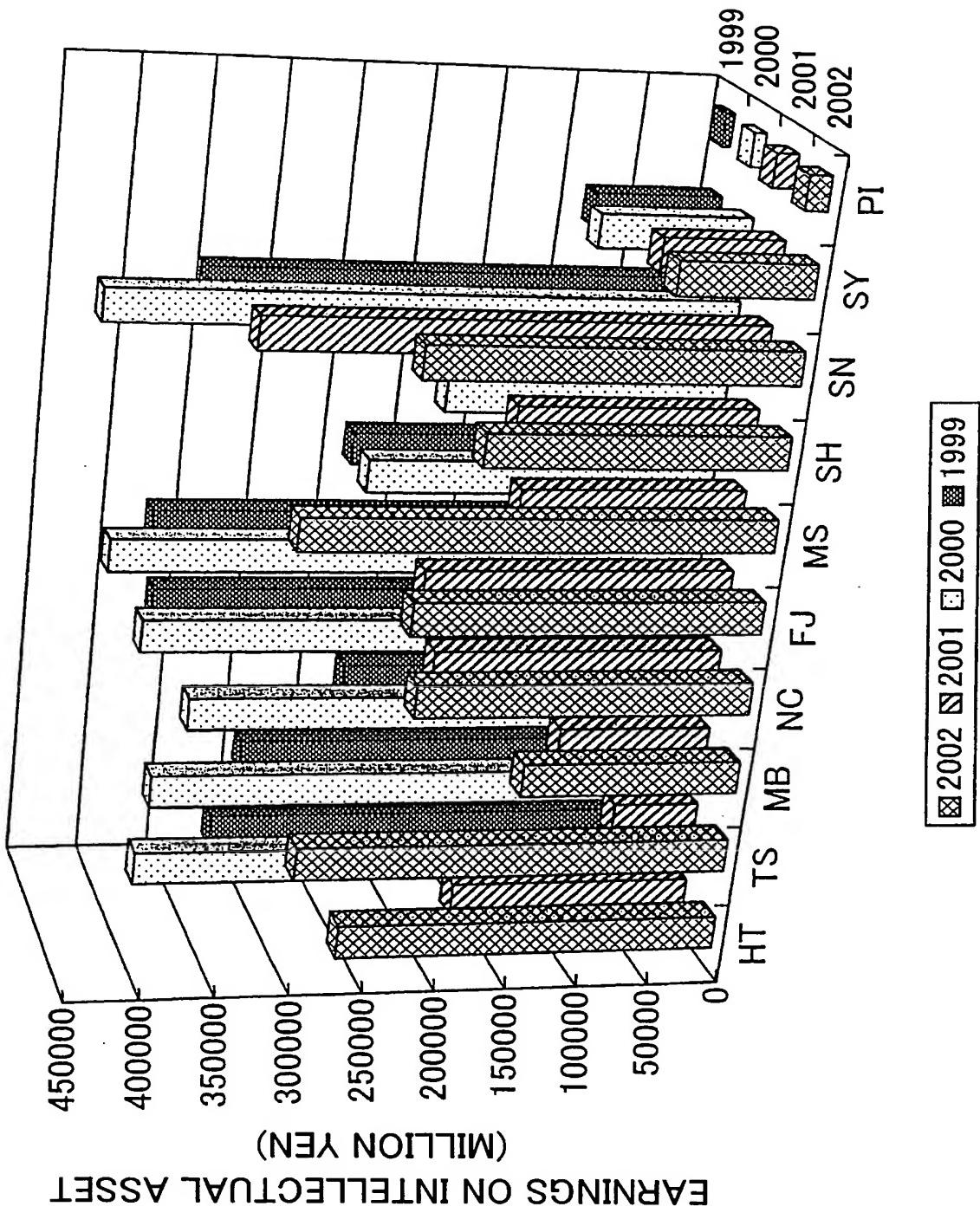


FIG. 30

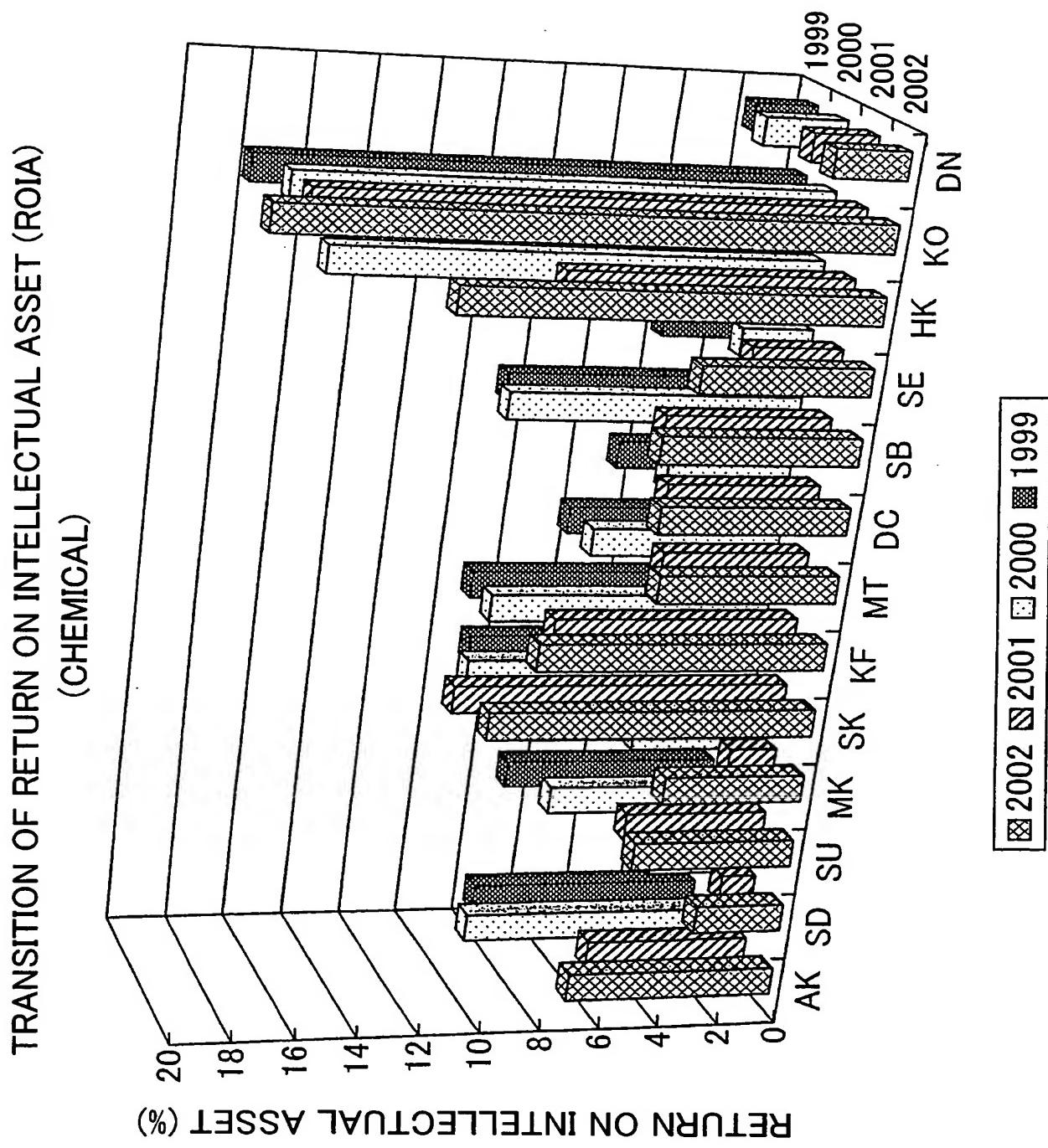


FIG. 31

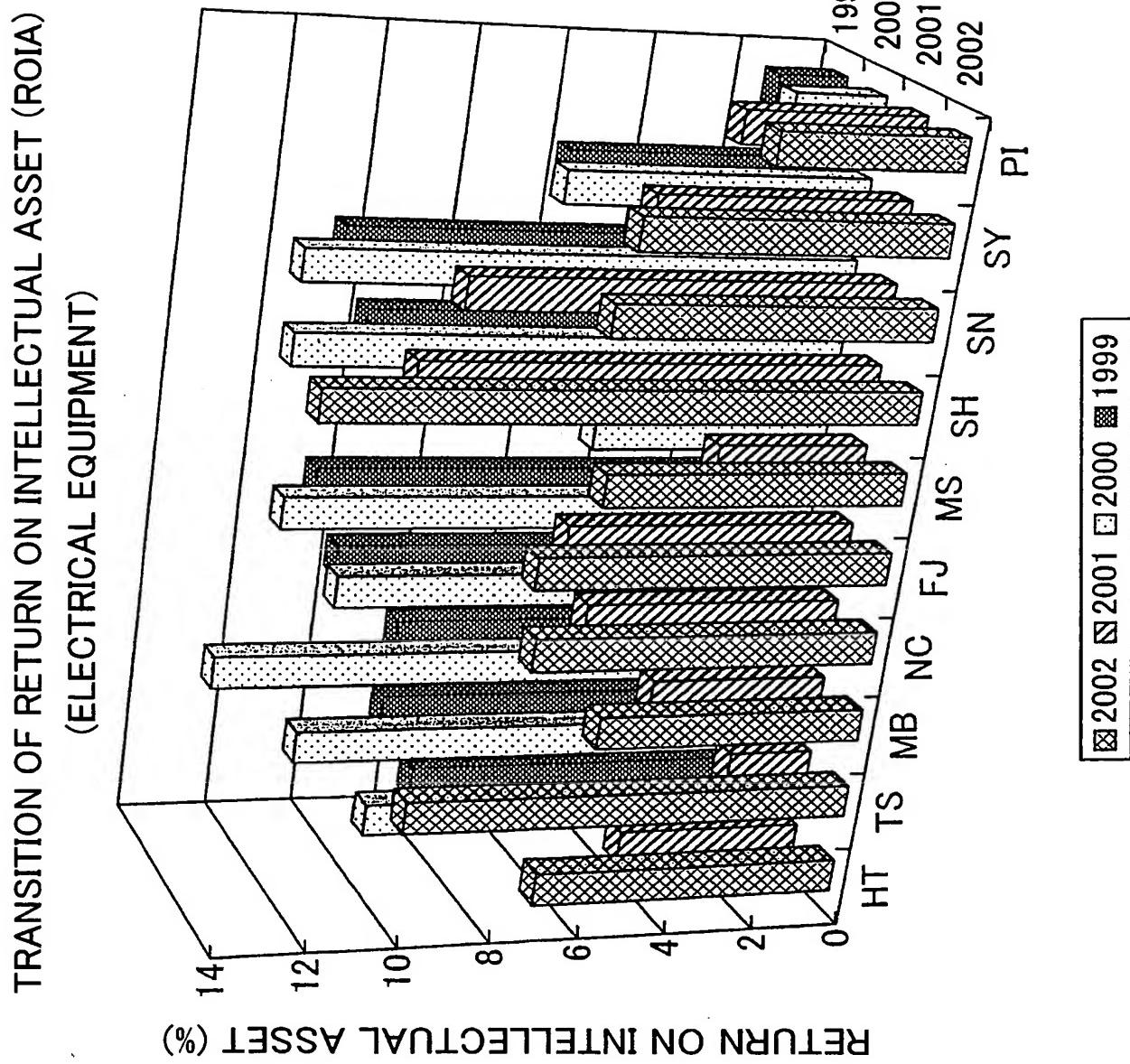
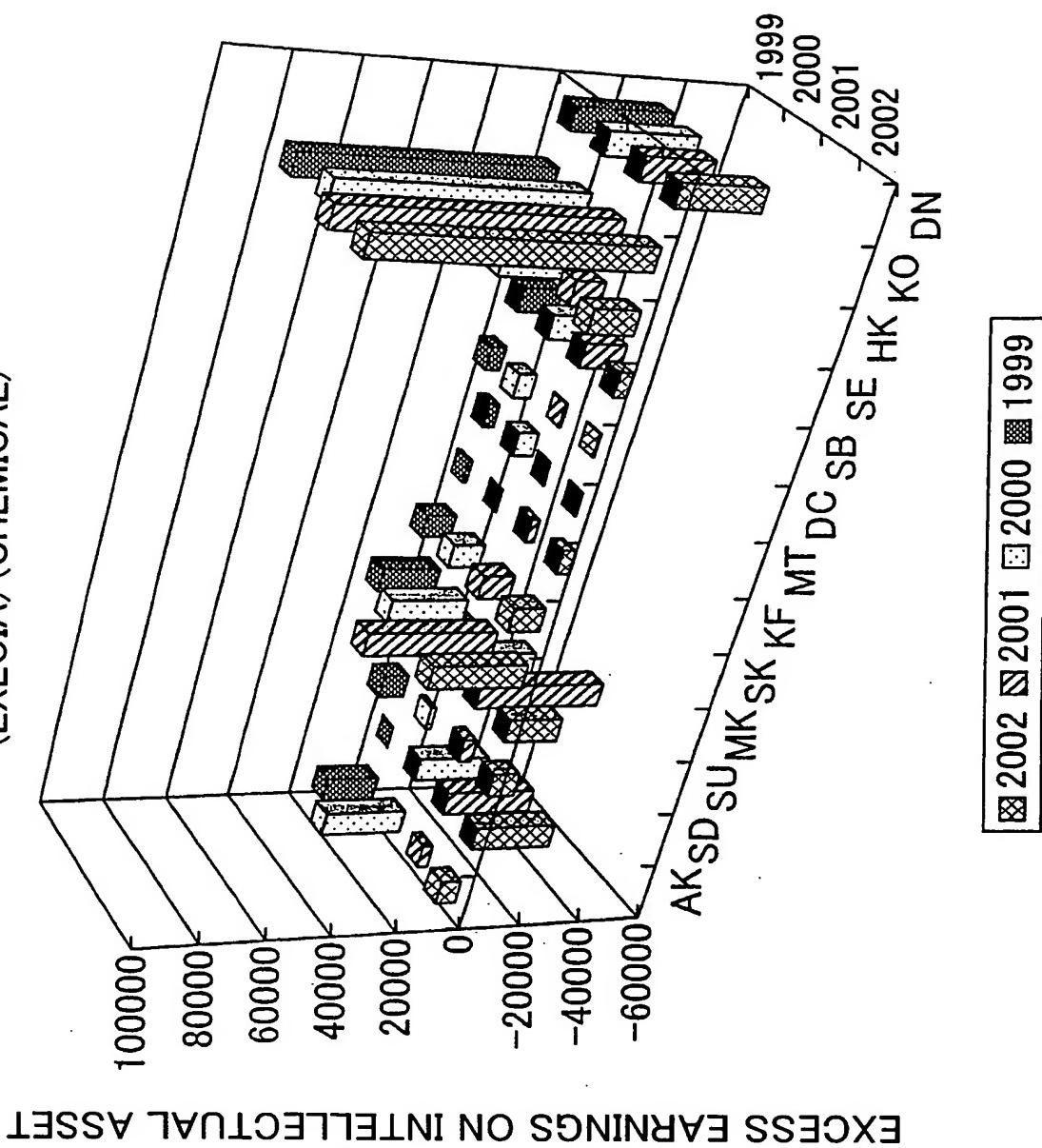


FIG. 32

TRANSITION OF EXCESS EARNINGS ON INTELLECTUAL ASSET  
(EXEOIA) (CHEMICAL)



TRANSITION OF EXCESS EARNINGS ON INTELLECTUAL ASSET  
(EXEOIA) (ELECTRICAL EQUIPMENT)

FIG. 33

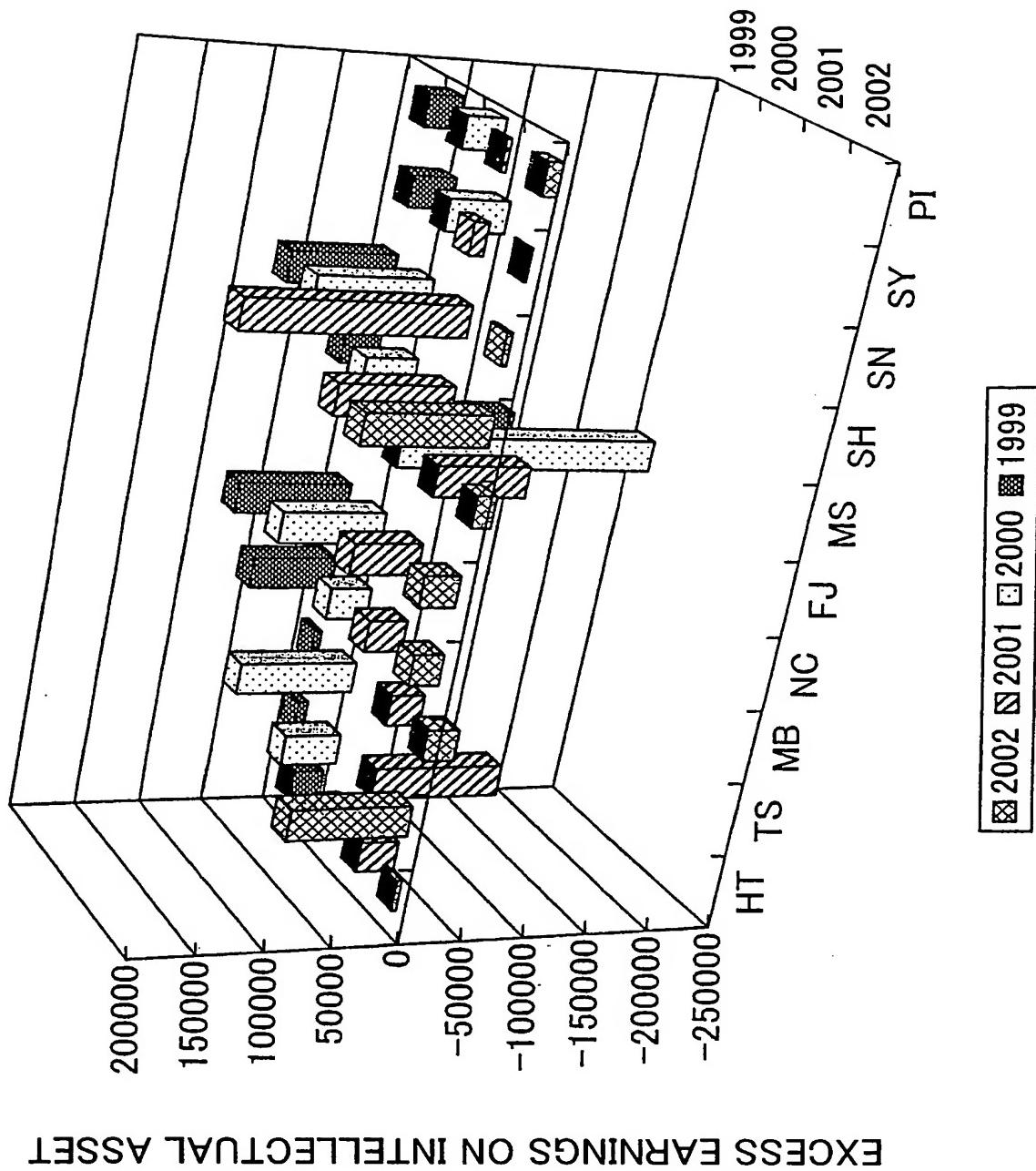


FIG. 34

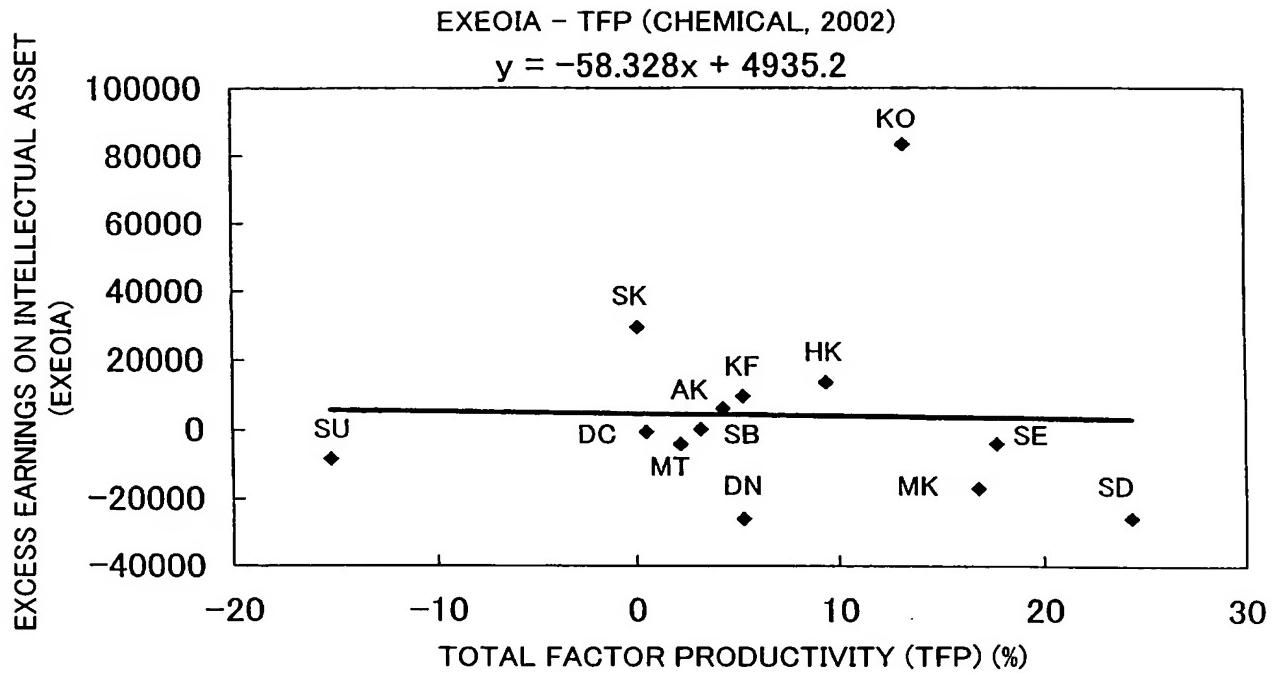


FIG. 35

